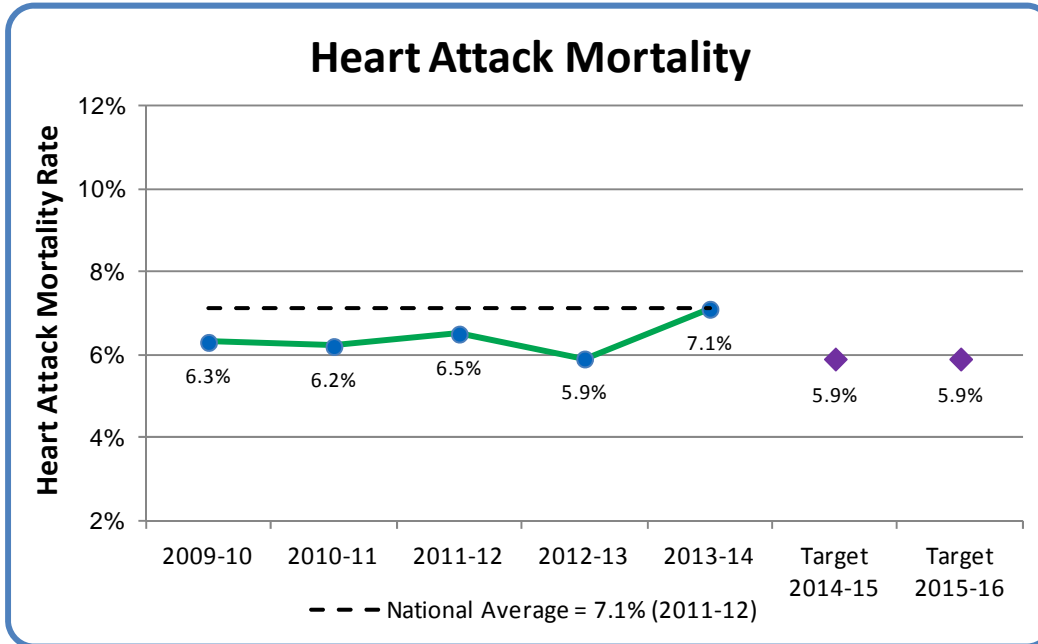


## Heart Attack Mortality – Provincial Details

See below for additional zone / site details where available.



### Measure Definition

**Heart Attack Mortality:** The probability of dying in hospital within 30 days of being admitted for a heart attack. AHS is performing at the same level as the national average of 7.1%.

This measure represents hospital deaths occurring within 30 days of first admission to a hospital with a diagnosis of acute myocardial infarction (AMI), often called a heart attack. This measure is adjusted for age, sex and other conditions.

### Understanding this Measure

Heart attacks are one of the leading causes of death in Canada. Breakthroughs in treatments, particularly the timing of re-opening coronary arteries for blood flow, are greatly increasing survival rates.

### 2014-15 Actions:

- Focus on strategies to reduce door-to-balloon times for patients undergoing primary percutaneous coronary intervention to ensure heart attack patients are treated early, providing the best chance for improvement or cure. Current guidelines for the treatment of heart attack (ST-segment elevation myocardial infarction) recommend a door-to-balloon time of 90 minutes or less for patients undergoing primary percutaneous coronary intervention. Door-to-balloon time has become a performance measure and is the focus of quality-improvement initiatives.
- Some Emergency Departments (ED) are implementing a code in the patient care system to identify an electrocardiogram (ECG) required for ruling out myocardial infarction diagnosis over other reasons for an ECG. Designated nurses in the ED will do these ECGs to ensure the ECG is done within 10 minutes of arrival. A protocol is in place to transfer patients to a catheterization lab within 90 minutes if necessary.

## Heart Attack Mortality – Zone Details

The probability of dying in hospital within 30 days of being admitted for a heart attack.

Zone	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 Target	2015-16 Target
<b>Provincial</b>	<b>6.3%</b>	<b>6.2%</b>	<b>6.5%</b>	<b>5.9%</b>	<b>7.1%</b>	<b>5.9%</b>	<b>5.9%</b>
South	8.1%	7.0%	8.3%	5.3%	7.4%	5.3%	5.3%
Calgary	5.0%	6.0%	5.6%	6.4%	7.1%	6.4%	6.3%
Central	8.9%	7.9%	5.8%	7.3%	9.7%	7.2%	7.1%
Edmonton	6.1%	5.8%	6.6%	4.9%	6.1%	4.9%	4.9%
North	6.5%	6.2%	8.7%	8.5%	9.1%	8.4%	8.2%

## Heart Attack Mortality –Site Details

The probability of dying in hospital within 30 days of being admitted for a heart attack.

Heart Attack Mortality	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 Target	2015-16 Target
<b>Provincial</b>	<b>6.3%</b>	<b>6.2%</b>	<b>6.5%</b>	<b>5.9%</b>	<b>7.1%</b>	<b>5.9%</b>	<b>5.9%</b>
<b>South Zone Total</b>	<b>8.1%</b>	<b>7.0%</b>	<b>8.3%</b>	<b>5.3%</b>	<b>7.4%</b>	<b>5.3%</b>	<b>5.3%</b>
Chinook Regional Hospital	10.5%	7.8%	5.4%	3.5%	7.0%	3.5%	3.5%
Medicine Hat Regional Hospital	8.0%	7.0%	11.7%	7.4%	7.5%	7.3%	7.3%
All Other Hospitals	n/a	3.9%	10.1%	n/a	n/a	5.5%	5.5%
<b>Calgary Zone Total</b>	<b>5.0%</b>	<b>6.0%</b>	<b>5.6%</b>	<b>6.4%</b>	<b>7.1%</b>	<b>6.4%</b>	<b>6.3%</b>
Alberta Children's Hospital	Measure restricted to Adult Sites only						
Foothills Medical Centre	5.2%	6.3%	7.0%	6.7%	7.4%	6.7%	6.6%
Peter Lougheed Centre	5.5%	8.2%	6.0%	6.6%	5.8%	6.6%	6.5%
Rockyview General Hospital	4.4%	2.0%	1.6%	4.2%	6.4%	4.2%	4.2%
South Health Campus	Opened February 2013				6.5%	6.4%	6.3%
All Other Hospitals	4.4%	10.3%	2.3%	8.6%	8.3%	8.5%	8.4%
<b>Central Zone Total</b>	<b>8.9%</b>	<b>7.9%</b>	<b>5.8%</b>	<b>7.3%</b>	<b>9.7%</b>	<b>7.2%</b>	<b>7.1%</b>
Red Deer Regional Hospital Centre	8.4%	5.8%	3.4%	3.9%	10.2%	3.9%	3.9%
All Other Hospitals	9.3%	9.7%	7.0%	9.2%	9.5%	9.1%	8.9%
<b>Edmonton Zone Total</b>	<b>6.1%</b>	<b>5.8%</b>	<b>6.6%</b>	<b>4.9%</b>	<b>6.1%</b>	<b>4.9%</b>	<b>4.9%</b>
Grey Nuns Community Hospital	5.8%	4.3%	6.2%	5.3%	4.9%	5.3%	5.3%
Misericordia Community Hospital	5.6%	4.5%	5.7%	3.8%	6.6%	3.8%	3.8%
Royal Alexandra Hospital	6.2%	6.4%	6.9%	5.0%	6.5%	5.0%	5.0%
Stollery Children's Hospital	Measure restricted to Adult Sites only						
Sturgeon Community Hospital	3.8%	4.2%	5.0%	2.7%	5.7%	2.7%	2.7%
University of Alberta Hospital	6.3%	6.8%	6.6%	4.7%	6.5%	4.7%	4.7%
All Other Hospitals	11.2%	5.6%	11.2%	11.3%	4.0%	11.1%	10.6%
<b>North Zone Total</b>	<b>6.5%</b>	<b>6.2%</b>	<b>8.7%</b>	<b>8.5%</b>	<b>9.1%</b>	<b>8.4%</b>	<b>8.2%</b>
Northern Lights Regional Health Centre	n/a	n/a	n/a	n/a	n/a	3.1%	3.1%
Queen Elizabeth II Hospital	5.2%	2.1%	3.3%	6.7%	4.9%	6.7%	6.6%
All Other Hospitals	8.4%	8.5%	10.2%	10.5%	10.2%	10.4%	10.0%

Note: n/a indicates statistically unreliable rates due to low numbers.